

paper near end detecting means comprising a first detector and a second detector disposed to be engageable with an end face of the roll of paper to detect that the amount of remaining paper is below a predetermined amount;

wherein the first detector is ~~provided in the plural with respect to the plurality of guide portions, respectively;~~ and a detector for the first installation state, and the second detector is a detector for the second installation state, and

~~wherein the plurality of detectors~~ the first detector and the second detector are disposed within ~~a range~~ an area that is defined by three surfaces, the three surfaces being a hypothetical plane formed by a locus of the center axis of the roll of paper as the roll of paper is reduced in diameter with respect to one of the plurality of and retained by the first guide portions portion, a hypothetical plane formed by a locus of the center axis of the roll of paper as the roll of paper is reduced in diameter with respect to the other of the plurality of and retained by the second guide portions portion, and an inner surface of the paper holder defined between the plurality of first guide portions portion and the second guide portion.

2. (Currently Amended) The printer as claimed in claim 1, wherein the ~~plurality of detectors~~ the first detector and the second detector are integrally connected by a connecting member.

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31 3. (Currently Amended) The printer as claimed in claim 1, wherein the ~~plurality of detectors~~ the first detector and the second detector are movable to change the predetermined amount of paper.

4. (Currently Amended) The printer as claimed in claim 2, wherein the ~~plurality of detectors~~ the first detector and the second detector are movable to change the predetermined amount of paper.

5. (Currently Amended) ~~A The printer comprising: as claimed in claim 1, a paper holder provided with a guide portion for positioning a roll of paper; and paper near end detecting means comprising a detector disposed to be engageable with an end face of the roller of paper to detect that the amount of remaining paper is below a predetermined amount;~~

wherein a gap is provided in the paper near end detecting means through which paper drawn from the roll is conveyed after one of the ~~detector~~ detectors gets disengaged with the end face of the roll of paper.

Claim 6 (Canceled).